

ASSOCIATION OF BAY AREA GOVERNMENTS

Celebrating 50 Years of Service to the Region



Date: March 8, 2013

To: **Summer Internship Candidates**

From: Chris Fong, ABAG HR Dept.

Subject: ABAG's 2013 Summer Internship Program
Application Materials

Thank you for your interest in ABAG's 2013 Summer Internship Program.

In order to be considered for a summer internship, you will need to mail the following items to ABAG by **Friday, April 12, 2013**.

1. A completed ABAG application
2. A resume
3. A one-page writing sample

Please send all items to:

Internship Coordinator
ABAG Summer Internship Program
P.O. Box 2050
Oakland, CA 94604-2050

SUMMARY OF ABAG'S 2013 SUMMER INTERNSHIPS

ABAG is seeking three summer interns for the Planning and Research Department. Two internships are related to the implementation of Plan Bay Area, the region's Sustainable Communities Strategy. One intern will work with the Earthquake and Hazards Program.

HOUSING INTERN

The housing intern will work on the Affordable Housing Funding Gap and Strategies Analysis by building on efforts that have already been completed by ABAG and UC Berkeley. The assignment includes:

- Further documentation of the need for creating and preserving affordable housing
- Refining the existing gap analysis completed to date by reviewing existing funding sources
- Researching policies and strategies to address the need for more affordable housing in the future; begin to establish new funding sources for land acquisition, pre-development financing and construction financing, and laying the foundation for two to four pilot community projects

Applicants must have completed at least their junior year of undergrad study in Planning or Geography. Graduate students preferred. Experience with Microsoft Word and Excel required. GIS and census skills, including PUMS expertise, and experience with statistical software is desirable.

PLANNING INTERN

The planning intern will develop a system and report structure to monitor housing market change to identify areas likely to experience gentrification. The monitoring system will build on successful models that have been used to predict gentrification patterns based on trends in housing costs, neighborhood income levels and conditions that correlate with these trends. The system will initially target Communities of Concern (see map at <http://geocommons.com/maps/110983>), and expand its assessment and monitoring to other communities subject to additional resources becoming available.

Applicants must have completed at least their junior year of undergrad study in Planning or Geography. Graduate students preferred. Experience with Microsoft Word and Excel required. GIS, report production, strong understanding of real estate economics and Bay Area housing markets, and clear understanding of census data including how to download are all desirable skills.

RESILIENCY INTERN

ABAG's Earthquake and Hazards Program is seeking a summer intern to assist with the following specific tasks associated with the Airport and Infrastructure Resilience Project:

- GIS Mapping of Infrastructure Systems
 - Collect data layers from various sources relating to infrastructure assets for airport and ports, power, water and wastewater, communications, ground transportation, and jet fuel. Data should be gathered on assets such as buildings, plants, and transmission and distribution systems.
 - Create maps from data collected, comparing infrastructure systems to regional vulnerabilities such as areas of high shaking and liquefaction risk. Maps should identify areas of high vulnerability that contain key assets as well as areas that contain co-located vulnerable assets.
 - Create final maps and write a report summarizing key findings about infrastructure systems vulnerabilities, identifying areas for further study.

- Case Study Research
 - Research multiple case studies (ABAG, EERI, other sources as needed) to identify infrastructure failures and consequences in past earthquakes around the world.
 - Write a short report enumerating infrastructure failures, identifying and speculating on interdependencies caused by failures, and speculating on economic and social consequences of these failures.
- Other Tasks as Needed
 - Intern may collect and compile data from infrastructure operator interviews and questionnaires.

Applicants must have completed at least their junior year of undergrad study in Planning, Geography, Geology, Engineering, or other related field. Graduate students preferred. Experience with GIS, Microsoft Word and Excel required.

Compensation: \$13.50 - \$17.50 per hour depending on education and experience

Term: Up to twelve weeks during the months of June through September

To Apply: Submit a completed ABAG application, resume, and one-page writing sample to the address below.

Internship Coordinator
 ABAG Summer Internship Program
 P.O. Box 2050
 Oakland, CA 94604-2050

The required agency application and job posting information may be obtained at <http://www.abag.ca.gov/jobs.html> or by sending a self-addressed, stamped envelope to the address listed above.

**Completed application and required materials must be received by
 Friday, April 12, 2013**

ABAG is an equal opportunity employer. Qualified disabled individuals are protected against discrimination.